

AMENDMENTS TO THE CLAIMS

1. (currently amended) A process for the single-stage preparation of polyoxyalkylene glycols by comprising copolymerization of THF and neopentyl glycol in the presence of a heteropolyacid, wherein the content of organically bound nitrogen in the neopentyl glycol is less than 5 ppm.
2. (currently amended) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 1 wherein the content of organically bound nitrogen in the neopentyl glycol is achieved by treatment of technical-grade neopentyl glycol by recrystallization, solvent extraction or by treatment with an ion exchanger.
3. (currently amended) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 1 or claim 2 wherein from 3 to 20% by weight of neopentyl glycol, based on tetrahydrofuran, is used.
4. (currently amended) The process for the single-stage preparation of polyoxyalkylene glycols according to any of claims 1 to 3 claim 1 wherein the copolymerization is carried out in the presence of a hydrocarbon.
5. (currently amended) The process for the single-stage preparation of polyoxyalkylene glycols according to any of claims 1 to 4 claim 1 wherein the process is carried out continuously.
6. (currently amended) The process for the single-stage preparation of polyoxyalkylene glycols according to any of claims 1 to 5 claim 1 wherein the copolymerization is carried out at from 20 to 100°C.

7. (new) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 2 wherein from 3 to 20% by weight of neopentyl glycol, based on tetrahydrofuran, is used.
8. (new) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 2 wherein the copolymerization is carried out in the presence of a hydrocarbon.
9. (new) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 3 wherein the copolymerization is carried out in the presence of a hydrocarbon.
10. (new) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 2 wherein the process is carried out continuously.
11. (new) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 3 wherein the process is carried out continuously.
12. (new) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 4 wherein the process is carried out continuously.
13. (new) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 2 wherein the copolymerization is carried out at from 20 to 100°C.
14. (new) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 3 wherein the copolymerization is carried out at from 20 to 100°C.
15. (new) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 4 wherein the copolymerization is carried out at from 20 to 100°C.
16. (new) The process for the single-stage preparation of polyoxyalkylene glycols according to claim 5 wherein the copolymerization is carried out at from 20 to 100°C.